

FIG. 1A

42	-0.33	===D
43	-0.83	=====L
44	-0.83	=====I
45	-0.83	=====L
46	-0.48	====N
47	-0.47	====N
48	0.00	G
49	-0.38	===L
50	-0.33	==L
51	0.47	S=====
52	0.12	S=
53	-0.02	D
54	-0.90	=====Y
55	-0.02	V
56	0.27	E===
57	-0.23	=I
58	0.57	H=====
59	0.65	Y=====
60	1.07	E=====
61	0.58	N=====
62	0.60	G=====
63	1.10	K=====
64	0.60	P=====
65	0.60	Q=====
66	1.07	y=====
67	0.97	S=====
68	0.75	K=====
69	-0.13	=G
70	-0.52	====G
71	-0.60	====E
72	-1.10	=====H
73	-0.97	=====C
74	-1.10	=====Y
75	-0.22	==Y
76	0.17	H==
77	0.00	G
78	0.50	S=====
79	0.95	I=====
80	1.30	R=====
81	1.30	G=====
82	1.05	V=====
83	1.22	K=====
84	0.42	D=====
85	-0.65	=====S

FIG. 1B

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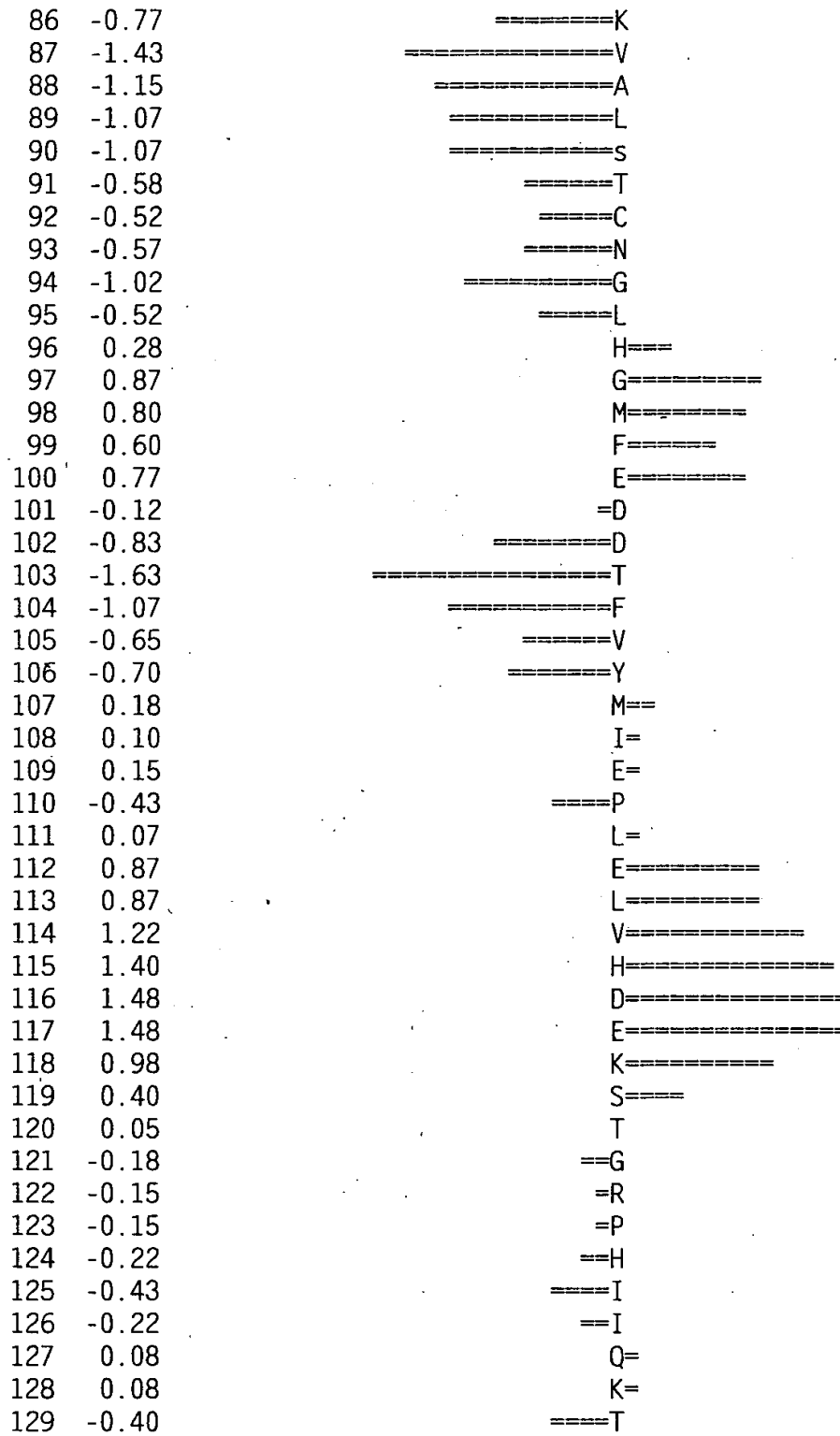


FIG. 1C

130 -0.28
 131 0.52
 132 0.63
 133 0.42
 134 0.88
 135 0.90
 136 0.55
 137 -0.02
 138 -0.27
 139 0.45
 140 0.45
 141 0.42
 142 1.22
 143 1.32
 144 1.37
 145 0.87
 146 -0.05
 147 -0.35
 148 -0.80
 149 -0.33
 150 -0.47
 151 -0.43
 152 -0.58
 153 -0.58
 154 -0.13
 155 -0.13
 156 0.67
 157 1.13
 158 2.20
 159 2.42
 160 1.67
 161 1.20
 162 0.70
 163 0.25
 164 0.25
 165 0.33
 166 0.28
 167 -0.17
 168 0.33
 169 0.78
 170 0.07
 171 0.57
 172 0.48
 173 0.60

==L
 A====
 G====
 Q====
 y=====

S=====

K=====

Q

==M

K=====

N=====

L=====

T=====

M=====

E=====

R=====

=G

==D

====Q

==W

==P

==F

====L

====S

=E

=L

Q=====

W=====

L=====

K=====

R=====

R=====

K=====

R=====

A=====

V=====

N=====

==P

S=====

R=====

G=====

I=====

F=====

E=====

FIG. 1D

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174	0.60	E=====
175	-0.20	==M
176	-0.20	==K
177	-1.00	=====Y
178	-0.62	=====L
179	-0.28	==E
180	-0.28	==L
181	0.33	M==
182	1.05	I=====
183	1.28	G=====
184	1.30	N=====
185	1.77	D=====
186	1.77	h=====
187	1.77	K=====
188	1.77	T=====
189	1.88	y=====
190	1.92	K=====
191	1.33	K=====
192	0.75	h=====
193	0.35	R=====
194	-0.22	==S
195	-0.23	==S
196	-0.25	==H
197	-0.58	=====A
198	-0.58	=====H
199	0.00	T
200	0.12	N=
201	-0.17	==N
202	-0.45	=====F
203	0.00	A
204	-0.22	==K
205	-0.97	=====S
206	-0.52	=====V
207	-0.22	==V
208	-0.27	==N
209	-0.68	=====L
210	0.12	V=
211	0.87	D=====
212	0.40	S=====
213	0.05	I=
214	0.38	Y=====
215	0.70	K=====
216	0.70	E=====
217	-0.05	Q

FIG. 1E

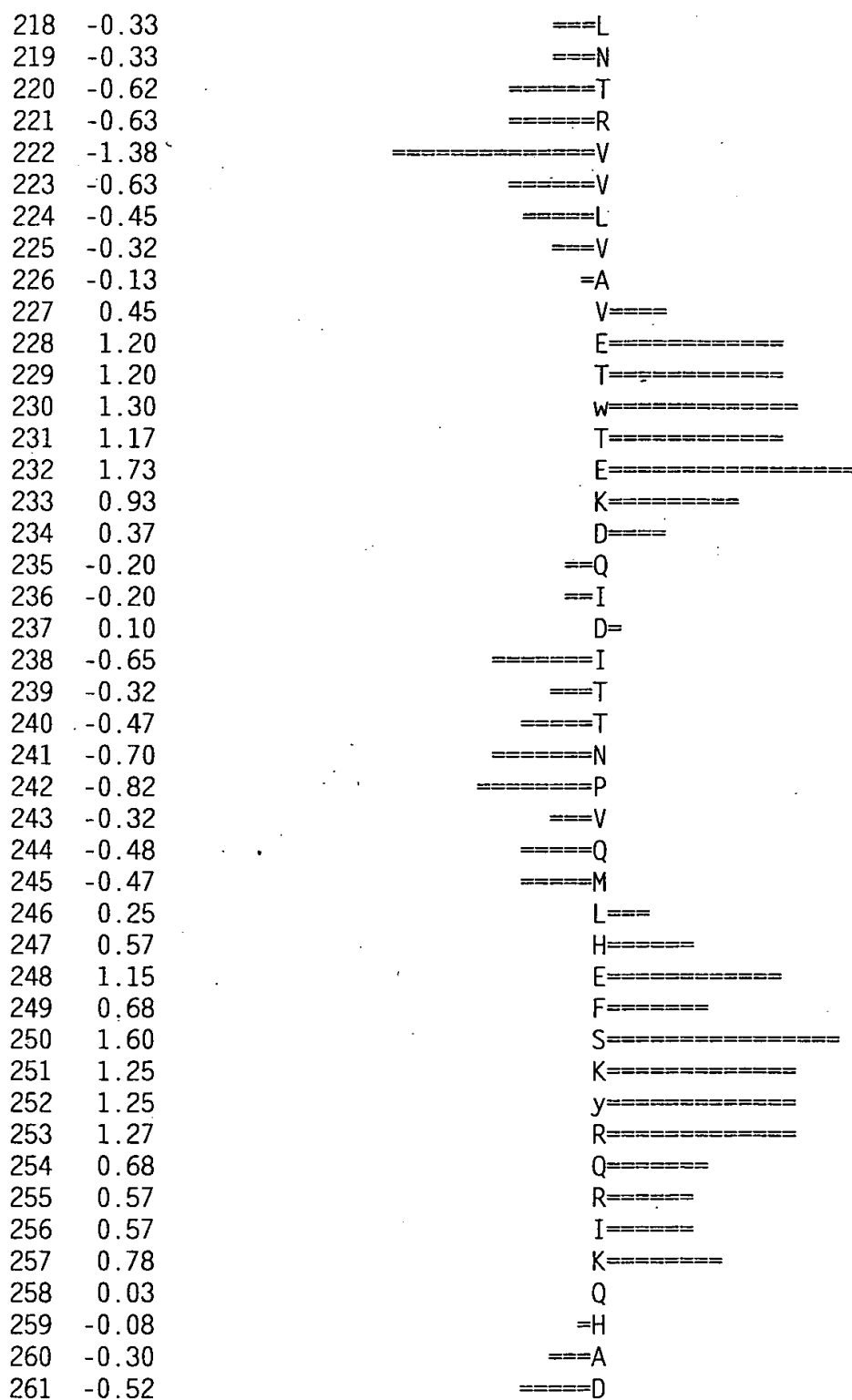


FIG. 1F

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262	-0.97	=====A
263	-0.38	====V
264	-0.38	====H
265	-0.37	====L
266	-0.48	====I
267	-0.27	==S
268	-0.70	====R
269	-0.70	====V
270	0.05	T=
271	0.17	F==
272	0.63	H=====
273	0.42	Y=====
274	0.85	K=====
275	-0.03	R
276	-0.95	=====S
277	-0.50	====S
278	-0.55	====L
279	-0.50	====S
280	-0.72	====Y
281	-0.28	==F
282	0.63	E=====
283	0.07	G=
284	0.57	V=====
285	0.82	C=====
286	0.73	S=====
287	0.68	R=====
288	-0.07	=T
289	0.03	R
290	0.03	G
291	0.05	V=
292	0.30	G==
293	0.00	V
294	0.25	N==
295	0.00	E
296	-0.58	====y
297	-0.85	=====G
298	-0.93	=====L
299	-0.60	====P
300	-0.85	=====M
301	-0.93	=====A
302	-0.80	=====V
303	-0.52	====A
304	-0.38	====Q
305	-0.72	=====V

FIG. 1G

306	-0.55	=====L
307	-0.22	==S
308	-0.23	==Q
309	-0.57	=====S
310	-0.62	=====L
311	-0.62	=====A
312	-0.50	=====Q
313	-1.10	=====N
314	-0.63	=====L
315	-0.33	==G
316	-0.28	==I
317	0.07	Q=
318	0.53	W=====
319	1.60	E=====
320	1.10	P=====
321	1.60	S=====
322	1.38	S=====
323	1.83	R=====
324	1.17	K=====
325	0.60	P=====
326	1.10	K=====
327	0.65	C=====
328	0.65	D=====
329	0.15	C=
330	0.32	T==
331	0.22	E=
332	-0.58	=====S
333	-0.85	=====W
334	-0.18	==G
335	0.32	G==
336	0.25	C==
337	0.42	I==
338	0.47	M=====
339	0.73	E=====
340	0.15	E=
341	-0.30	==T
342	0.27	G==
343	0.77	V=====
344	0.60	S=====
345	0.60	H=====
346	1.18	S=====
347	0.97	R=====
348	0.52	K=====
349	-0.28	==F

FIG. 1H

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350	-0.17	==S
351	0.28	K==
352	-0.60	====C
353	0.07	S=
354	0.52	I=====
355	0.40	L=====
356	0.40	E=====
357	-0.07	=Y
358	0.82	R=====
359	0.32	D==
360	-0.18	==F
361	-0.33	==L
362	-0.12	=Q
363	-0.32	==R
364	-1.12	=====G
365	-1.53	=====G
366	-1.50	=====g
367	-0.43	==A
368	-0.35	==C
369	-0.25	==L
370	0.55	F=====
371	0.67	N=====
372	0.22	R==
373	0.22	P==
374	0.22	T==
375	0.22	K==
376	0.22	L==
377	0.35	F=====
378	0.77	E=====
379	0.30	P=====
380	0.30	T=====
381	-0.02	E
382	-0.77	====C
383	-0.10	=G
384	-0.18	==N
385	-0.22	==G
386	0.28	Y=====
387	1.17	V=====
388	1.25	E=====
389	1.25	A=====
390	1.17	G=====
391	1.17	E=====
392	0.25	E=====
393	-0.33	==C

FIG. 11

394	-0.42	===D
395	-0.42	===C
396	-0.42	===G
397	-0.80	=====F
398	-0.38	===H
399	-0.60	=====V
400	-0.52	===E
401	-1.18	=====C
402	-0.52	===Y
403	0.37	G=====
404	0.20	L==
405	0.55	C=====
406	0.42	C=====
407	0.63	K=====
408	0.17	K==
409	-0.33	==C
410	-0.25	==S
411	-0.38	===L
412	-0.25	==S
413	-0.25	==N
414	0.22	G==
415	0.22	A==
416	0.30	H=====
417	0.22	C==
418	0.22	S==
419	0.20	D==
420	-0.27	==G
421	-0.33	==P
422	-0.28	==C
423	-0.28	==C
424	-0.42	===N
425	-0.87	=====N
426	-0.87	=====T
427	-0.80	=====S
428	-0.35	===C
429	-0.18	=L
430	0.13	F=
431	1.05	Q=====
432	0.85	P=====
433	1.35	R=====
434	1.35	G=====
435	1.27	y=====
436	1.00	E=====
437	0.53	C=====

FIG. 1J

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438 1.20
 439 0.53
 440 0.53
 441 0.32
 442 0.50
 443 0.97
 444 0.08
 445 0.08
 446 -0.48
 447 -0.18
 448 0.38
 449 -0.07
 450 0.32
 451 0.52
 452 0.42
 453 0.42
 454 -0.08
 455 -0.10
 456 -0.40
 457 -0.52
 458 0.15
 459 0.18
 460 0.68
 461 0.65
 462 0.57
 463 0.57
 464 -0.10
 465 -0.10
 466 -0.57
 467 -0.53
 468 -0.12
 469 -0.03
 470 0.63
 471 0.43
 472 0.02
 473 0.02
 474 -0.02
 475 0.48
 476 -0.18
 477 0.48
 478 0.80
 479 1.27
 480 1.77
 481 1.30

R=====

D=====

A=====

V=====

N=====

E=====

C=

D=

====I

==T

E=====

=Y

C=====

T=====

G=====

D=====

=S

=G

====Q

====C

P=====

P=====

N=====

L=====

H=====

K=====

=Q

=D

====G

====Y

=A

C

N=====

Q=====

N

Q

G

R=====

=C

Y=====

N=====

G=====

E=====

C=====

FIG. 1K

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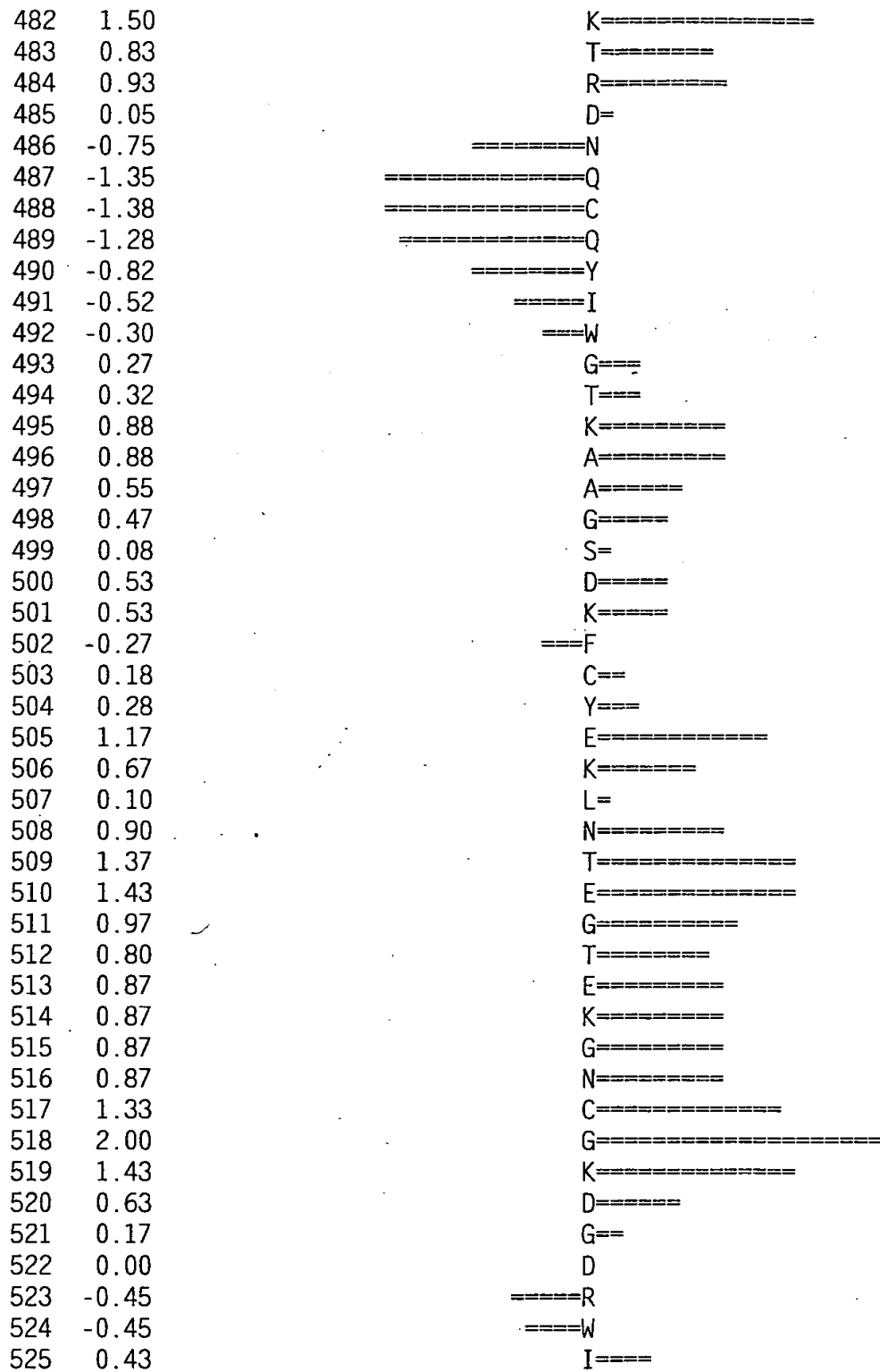


FIG. 1L

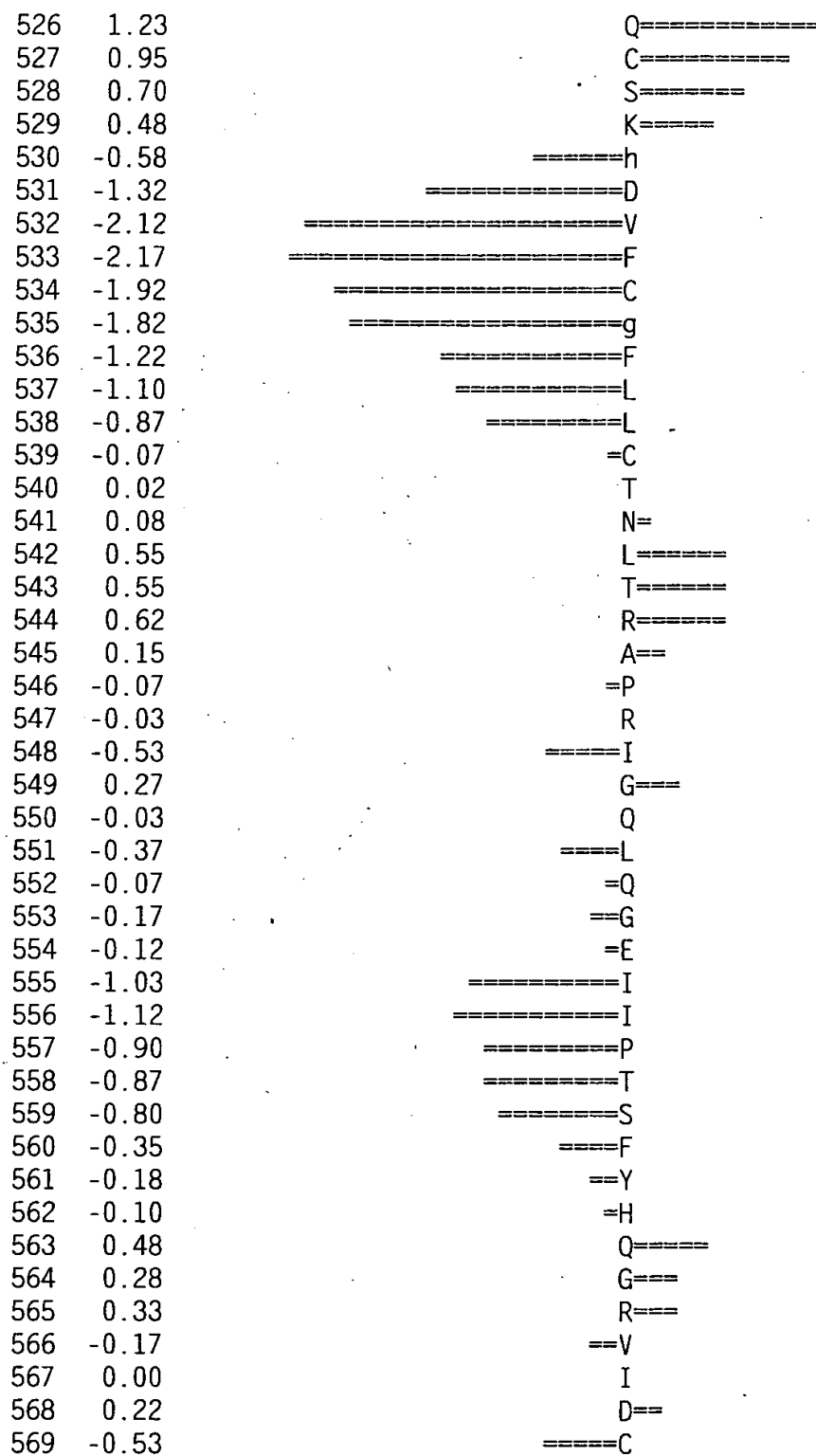


FIG. 1M

570	-0.62	=====S
571	-0.97	=====G
572	-0.47	=====A
573	0.12	H=
574	0.70	V=====
575	0.88	V=====
576	1.63	L=====
577	1.68	D=====
578	1.18	D=====
579	0.30	D==
580	-0.45	=====T
581	0.12	D=
582	0.12	V=
583	0.37	G=====
584	0.30	Y==
585	0.68	V=====
586	0.77	E=====
587	0.27	D==
588	-0.23	=G
589	-0.18	=T
590	-0.33	=P
591	-0.55	=====C
592	-0.55	=====G
593	-0.85	=====P
594	-0.35	=====S
595	0.10	M=
596	0.82	M=====
597	0.87	C=====
598	0.73	L=====
599	1.07	D=====
600	0.27	R==
601	-0.20	=K
602	-0.78	=====C
603	-0.92	=====L
604	-0.58	=====Q
605	-0.83	=====I
606	-0.48	=====Q
607	-0.47	=====A
608	-0.55	=====L
609	-0.25	=N
610	-0.58	=====M
611	0.13	S=
612	0.13	S=
613	0.58	C=====

FIG. 1N

614	0.75	P=====
615	1.25	L=====
616	1.30	D=====
617	0.63	S=====
618	0.63	K=====
619	0.13	G=
620	0.05	K=
621	-0.45	====V
622	-0.45	====C
623	-0.45	====S
624	-0.45	====G
625	-0.42	====H
626	0.17	G==.
627	0.08	V=
628	0.27	C==
629	0.27	S==
630	-0.08	=N
631	-0.28	==E
632	-0.28	==A
633	-0.62	====T
634	-0.62	====C
635	-1.02	=====I
636	-0.80	=====C
637	-0.63	=====D
638	-1.20	=====F
639	-0.28	==T
640	-0.38	==W
641	0.23	A==
642	0.02	G
643	0.52	T=====
644	1.08	D=====
645	0.58	C=====
646	0.50	S=====
647	0.95	I=====
648	1.28	R=====
649	0.48	D=====
650	-0.10	=P
651	-0.10	=V
652	0.15	R==
653	0.15	N==
654	0.62	L=====
655	1.42	H=====
656	1.50	P=====
657	1.50	P=====

FIG. 10

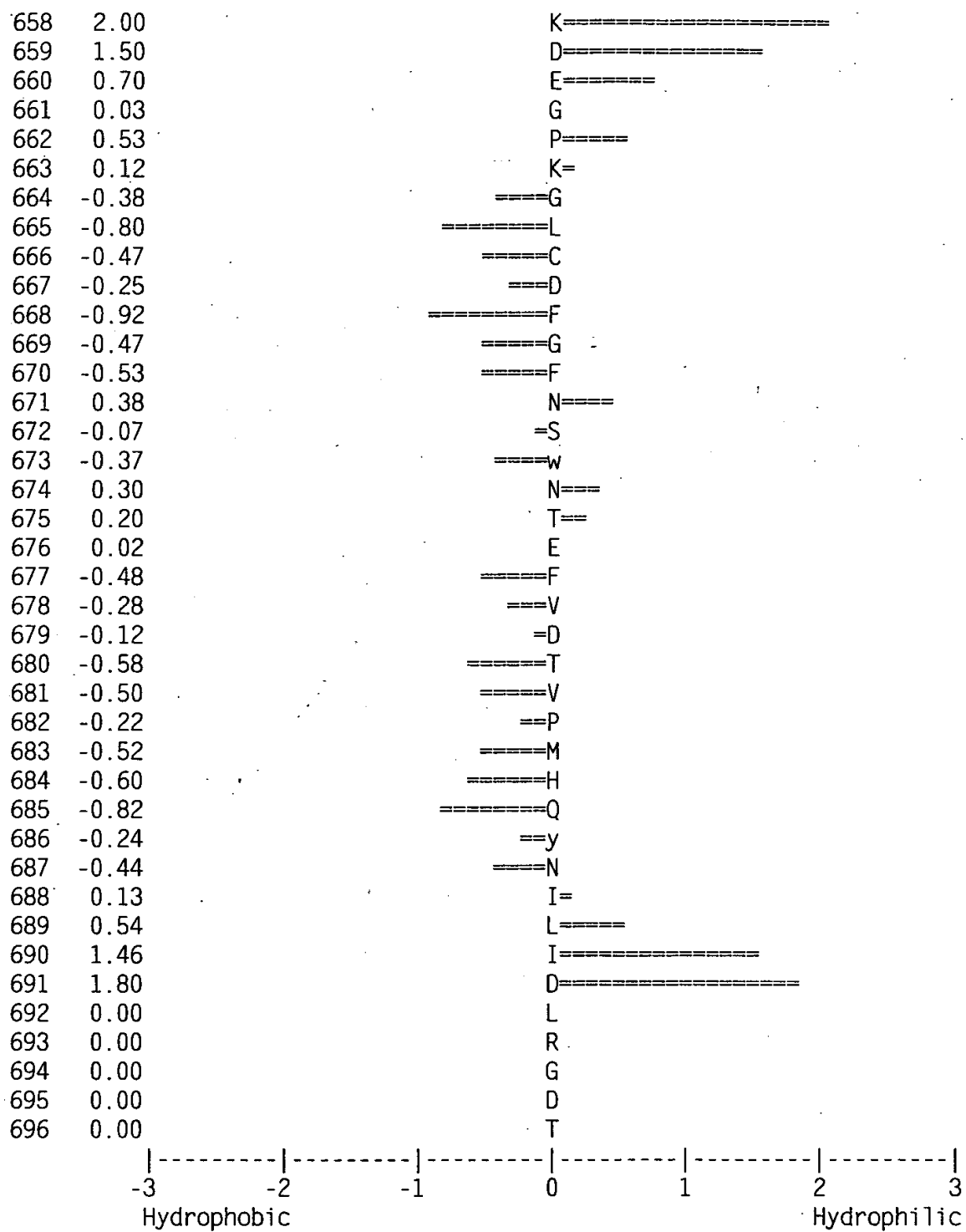


FIG. 1P

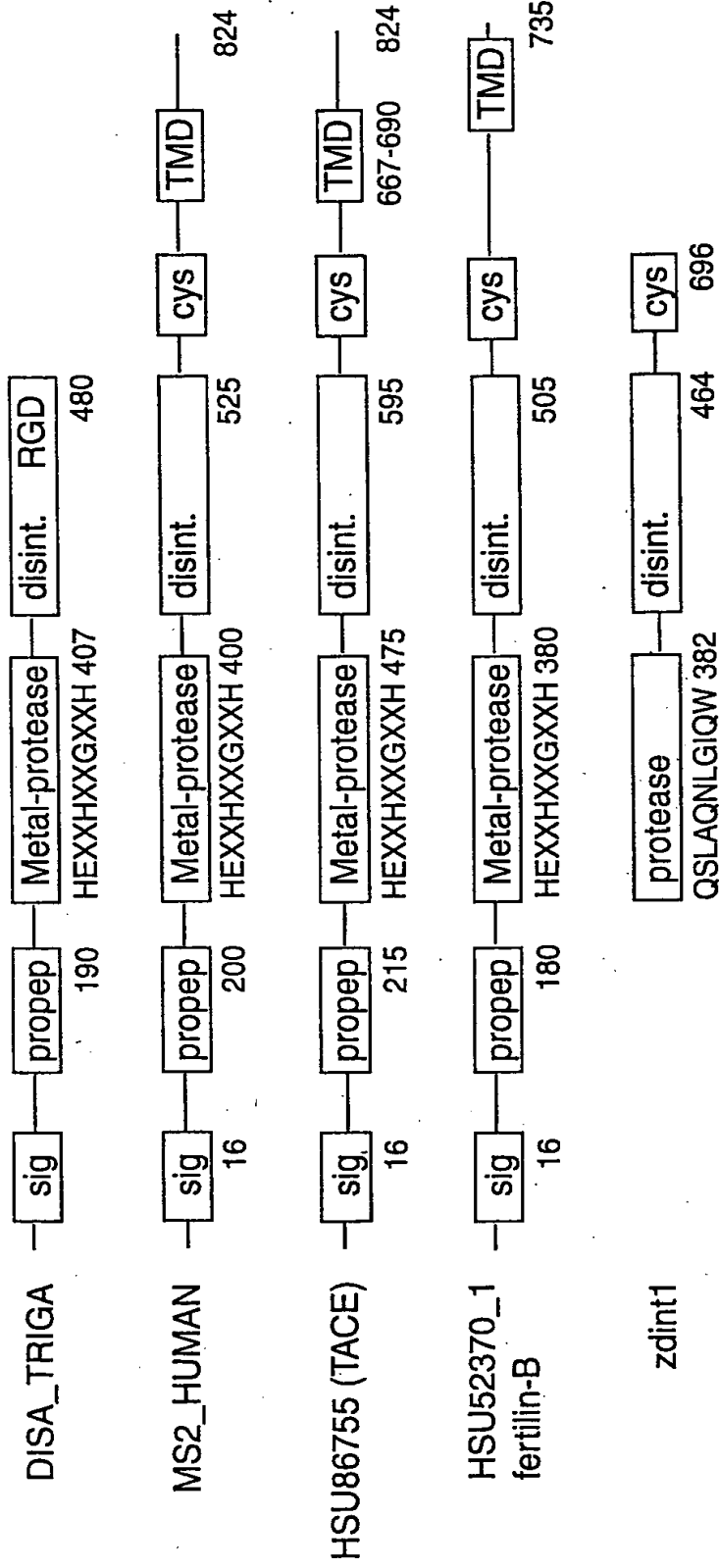


FIG. 2